

Nutrient and Algal levels in the Little Denison River

and their relationship to the Snowy Mountains trout farm facility

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Peter Davies

fs Freshwater
Systems

82 Waimea Ave, Sandy Bay,
Tasmania Australia 7005

Ph/Fax: 03 62254660
p.e.davies@utas.edu.au

Aquatic Environmental Consulting Service

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|---|-----------|
| Contents | |
| Background | 2 |
| Methods | 3 |
| Study sites | 3 |
| Water quality | 3 |
| Algae | 3 |
| Benthic invertebrates | 4 |
| Nutrient limitation trial | 5 |
| Flow data | 5 |
| Sampling Results | 8 |
| Nutrients | 8 |
| Algae | 8 |
| Benthic invertebrates | 9 |
| Shading | 9 |
| Algal-nutrient relationships | 9 |
| Flows | 10 |
| Nutrient thresholds | 11 |
| Management threshold for algal levels | 11 |
| Relationships with farm stock and feed rates | 14 |
| Concentrations | 14 |
| Loads | 15 |
| Discussion | 35 |
| References | 36 |

Background

This report describes the results of a 15 month water quality and algal sampling study of the Little Denison River conducted by Peter Davies of Freshwater Systems and Dom O'Brien of Aquaculture, Management & Development P/L.

Its primary aim is to:

- describe the existing conditions in the Little Denison River;
- to assess the relationships between nutrient levels and algal levels in the river;
- to assess the degree of influence of the Snowy aquaculture facility on the algal levels;
- to identify any thresholds in algal and nutrient levels which may be used in management to improve environmental outcomes for the river; and
- to assess any relationships between nutrient levels and feed or stocking rates in the Snowy aquaculture facility.